



Fig 1

Fig. 2

1 / 1	31 / 11
ATG GAC ATA CAT CCC TAT AAA GAA TTT GGT TCA TCT TAT CAG TTG TTG AAT TTT CTT CCT	
met asp ile asp pro tyr lys glu phe gly ser ser tyr gln leu leu asn phe leu pro	
51 / 21	91 / 31
TTG GAC TTC TTT CCT GAC CTT AAT GGT TTG GTG GAC ACT GCT ACT GCC TTG TAT GAA GAA	
leu asp phe phe pro asp leu asn ala leu val asp thr ala thr ala leu tyr glu glu	
121 / 41	151 / 51
GAG CTA ACA GGT AGG GAA CAT TGC TCT CCG CAC CAT ACA GCT ATT AGA CAA GCT TTA GTA	
glu leu thr gly arg glu his cys ser pro his his thr ala ile arg gln ala leu val	
131 / 61	211 / 71
TGC TGG GAT GAA TTA ACT AAA TTG ATA GCT TGG ATG AGC TCT AAC ATA ACT TCT GAA CAA	
cys trp asp glu leu thr lys leu ile ala trp met ser ser asn ile thr ser glu gln	
241 / 81	271 / 91
GTA AGA ACA ATC ATA GTA AAT CAT GTC AAT GAT ACC TGG GGA CTT AAG GTG AGA CAA AGT	
val arg thr thr ile val asn his val asn asp thr trp gly leu lys val arg gln ser	
301 / 101	331 / 111
TTA TGG TTT CAT TTG TCA TGT CTC ACT TTC GGA CAA CAT ACA GTT CAA GAA TTT TTA GTA	
leu trp phe his leu ser cys leu thr phe gly gln his thr val gln glu phe leu val	
361 / 121	391 / 131
AGT TTT GTA GTA TGG ATC AGA ACT CCA GCT CCA TAT AGA CCT CCT AAT GCA CCC ATT CTC	
ser phe val val trp ile arg thr pro ala pro tyr arg pro pro asn ala pro ile leu	
421 / 141	451 / 151
TGC ACT CTT CCG GAA CAT ACA GTC ATT AGA AGA GGA GGT GCA AGA GCT TCT AGG TCC CCC	
ser thr leu pro glu his thr val ile arg arg gly gly ala arg ala ser arg ser pro	
481 / 161	511 / 171
AGA AGA CGC ACT CCC TCT CCT CCG AGG AGA AGA TCC CAA AAT TCG CAG TTC CAA ACT TGC	
arg arg arg thr pro ser pro arg arg arg arg ser gln asn ser gln phe gln thr cys	
541 / 181	571 / 191
AAA CAC TTG CCA ACC TCC TGT CCA CCA ACT TGC AAT GGC TTT CGT TGG ATG TAT CTG CCG	
lys his leu pro thr ser cys pro pro thr cys asn gly phe arg trp met tyr leu arg	
601 / 201	631 / 211
CGT TTT ATC ATA TAC CTA TTA GTC CTG CTG CTG TGC CTC ATC TTC TTG TTG GTT CTC CTG	
arg phe ile ile tyr leu leu val leu leu leu cys leu ile phe leu leu val leu leu	
661 / 221	691 / 231
GAC TGG AAA GGT TTA TTA CTT GTC TGT CCT CTT CAA CCC ACA ACA GAA ACA ACA GTC AAT	
asp trp lys gly leu ile pro val cys pro leu gln pro thr thr glu thr thr val asn	
721 / 241	751 / 251
TGC AGA CAA TGC ACA ATC TCT GCA CAA GAC ATG TAT ACT CCT CCT TAC TGT TGT TGT TTA	
cys arg gln cys thr ile ser ala gln asp met tyr thr pro pro tyr cys cys cys leu	
781 / 261	811 / 271
AGA CCT ACG GCA GGA AAT TGC ACT TGT TGG CCC ATC CCT TCA TCA TGG GCT TTA GGA AAT	
lys pro thr ala gly asn cys thr cys trp pro ile pro ser ser trp ala leu gly asn	
841 / 281	871 / 291
TAC CTA TGG GAG TGG GCC TTA GCT CGT CTC TCT TGG CTC AAT TTA CTA GTG CCC TTG CTT	
tyr leu trp glu trp ala leu ala arg leu ser trp leu asn leu leu val pro leu leu	
901 / 301	931 / 311
CAA TGG TTA GGA GGA ATT TCC CTC ATT GCG TGG TTT TTG CTT ATA TGG ATG ATT TGG TTT	
gln trp leu gly gly ile ser leu ile ala trp phe leu leu ile trp met ile trp phe	
961 / 321	991 / 331
TGG GCG CCC GCA CTT CTG AGC ATC TTA CCG CCA TTT ATT CCC ATA TTT GTT CTG TTT TTC	
trp gly pro ala leu leu ser ile leu pro pro phe ile pro ile phe val leu phe phe	
1021 / 341	
TTG ATT TGG GTA TAC ATT TGA	
leu ile trp val tyr ile OPA	

1 / 1 31 / 11  
 ATG GAC ATC GAC TCT TAT AAA GAA TTT GGA GCT ACT GTG GAG TTA CTC TCG TTT TTG CCT  
 met asp ile asp pro tyr lys glu phe gly ala thr val glu leu leu ser phe leu pro  
 61 / 21 91 / 31  
 TCT GAC TTC TTT CCT TCA GTA CGA GAT CTT CTA GAT ACC GCC TCA GCT CTG TAT CCG GAA  
 ser asp phe phe pro ser val arg asp leu leu asp thr ala ser ala leu tyr arg glu  
 121 / 41 151 / 51  
 GCC TTA GAG TCT COT GAG CAT TGT TCA CCT CAC CAT ACT GCA CTC AGG CAA GCA ATT CTT  
 ala leu glu ser pro glu his cys ser pro his his thr ala leu arg gln ala ile leu  
 131 / 61 211 / 71  
 TCG TCG GCG GAA CTA ATG ACT CTA GCT ACC TGG GTG GGT GTT AAT TTG GAA GAT CCA GCG  
 cys trp gly glu leu met thr leu ala thr trp val gly val asn leu glu asp pro ala  
 241 / 81 271 / 91  
 TCT AGA GAC CTA GTA GTC AGT TAT GTC AAC ACT AAT ATG GGC CTA AAG TTC AGG CAA CTC  
 ser arg asp leu val val ser tyr val asn thr asn met gly leu lys phe arg gln leu  
 301 / 101 331 / 111  
 TTG TCG TTT CAC ATT TGT TGT CTC ACT TTT GGA AGA GAA ACA GTT ATA GAG TAT TTG GTG  
 leu trp phe his ile ser cys leu thr phe gly arg glu thr val ile glu tyr leu val  
 361 / 121 391 / 131  
 TCT TTC GGA GTG TCG ATT CCG ACT COT CCA GCT TAT AGA CCA CCA AAT GCC COT ATC CTA  
 ser phe gly val trp ile arg thr pro pro ala tyr arg pro pro asn ala pro ile leu  
 421 / 141 451 / 151  
 TCA ACA CTT CCG GAA CAT ACA GTC ATT AGA AGA GGA GGT GCA AGA GCT TCT AGG TCC CCC  
 ser thr leu pro glu his thr val ile arg arg gly gly ala arg ala ser arg ser pro  
 481 / 161 511 / 171  
 ACA AGA CCG ACT CCC TCT COT CCG AGG AGA AGA TCC CAA AAT TCG CAG TCC CCA ACC TCC  
 arg arg arg thr pro ser pro arg arg arg arg ser gln <sup>asn</sup> ser gln ser pro thr ser  
 541 / 181 571 / 191  
 AAT CAC TCA CCA ACC TCT TGT COT CCA ACT TGT COT GGT TAT CCG TCG ATG TGT CTG CCG  
 asp his ser pro thr ser cys pro pro thr cys pro gly tyr arg trp met cys leu arg  
 601 / 201 631 / 211  
 COT TTT ATC ATC TTC CTC TTC ATC CTG CTG CTA TGC CTC ATC TTC TTG TTG GTT CTT CTG  
 arg phe ile ile phe leu phe ile leu leu leu cys leu ile phe leu leu val leu leu  
 661 / 221 691 / 231  
 CAC TAT CAA GGT ATG TTG TCC GTT TGT COT CTA ATT CCA GGA TCC TCA ACA ACC AGC AGC  
 asp tyr gln gly met leu pro val cys pro leu ile pro gly ser ser thr thr ser thr  
 721 / 241 751 / 251  
 GCA CCA TCG CCG ACC TGC ATG ACT ACT GCT CAA GGA ACC TCT ATG TAT CCC TCC TGT TGC  
 gly pro cys arg thr cys met thr thr ala gln gly thr ser met tyr pro ser cys cys  
 781 / 261 811 / 271  
 TGT ACC AAA COT TCG GAC GGA AAT TGC ACC TGT ATT CCC ATC CCA TCA TCC TGG GCT TTC  
 cys thr lys pro ser asp gly asn cys thr cys ile pro ile pro ser ser trp ala phe  
 841 / 281 871 / 291  
 GGA AAA TTC CTA TGG GAG TGG GCC TCA GCC COT TTC TCC TGG CTC AGT TTA CTA GTG CCA  
 gly lys phe leu trp glu trp ala ser ala arg phe ser trp leu ser leu leu val pro  
 901 / 301 931 / 311  
 TTT GTT CAG TGG TTC GTA GGG CTT TCC CCC ACT GTT TGG CTT TCA GTT ATA TGG ATG ATG  
 phe val gln trp phe val gly leu ser pro thr val trp leu ser val ile trp met met  
 961 / 321 991 / 331  
 TGG TAT TCG GCG CCA AGT CTG TAC AGC ATC TTG AGT CCC TTT TTA CCG CTG TTA CCA ATT  
 trp tyr trp gly pro ser leu tyr ser ile leu ser pro phe leu pro leu leu pro ile  
 1021 / 341  
 TTC TTT TGT CTT TGG GTA TAC ATT TAA  
 phe phe cys leu trp val tyr ile OCH

1 / 1 31 / 11  
 ATG GAC ATC GAG CCT TAT AAA GAA TTT GGA GGT ACT GTG GAG TTA CTC TCG TTT TTG CCT  
 met asp ile asp pro tyr lys glu phe gly ala thr val glu leu leu ser phe leu pro  
 61 / 21 91 / 31  
 TCT GAC TTC TTT CCT TCA GTA CGA GAT CTT CTA GAT ACC GCC TCA GCT CTG TAT CGG GAA  
 ser asp phe phe pro ser val arg asp leu leu asp thr ala ser ala leu tyr arg glu  
 121 / 41 151 / 51  
 GCC TTA GAG TCT CCT GAG CAT TGT TCA CCT CAC CAT ACT GCA CTC AGG CAA GCA ATT CTT  
 ala leu glu ser pro glu his cys ser pro his his thr ala leu arg gln ala ile leu  
 181 / 61 211 / 71  
 TGC TGG GGG GAA CTA ATG ACT CTA GCT ACC TGG GTG GGT GTT AAT TTG GAA GAT CCA GCG  
 cys trp gly glu leu met thr leu ala thr trp val gly val asn leu glu asp pro ala  
 241 / 81 271 / 91  
 TCT AGA GAC CTA GTA GTC AGT TAT GTC AAC ACT AAT ATG GGC CTA AAG TTC AGG CAA CTC  
 ser arg asp-leu val val ser tyr val asn thr asn met gly leu lys phe arg gln leu  
 301 / 101 331 / 111  
 TTG TGG TTT CAC ATT TCT TGT CTC ACT TTT GGA AGA GAA ACA GTT ATA GAG TAT TTG GTG  
 leu trp phe his ile ser cys leu thr phe gly arg glu thr val ile glu tyr leu val  
 361 / 121 391 / 131  
 TCT TTC GGA GTG TGG ATT CGC ACT CCT CCA GCT TAT AGA CCA CCA AAT GCC CCT ATC CTA  
 ser phe gly val trp ile arg thr pro pro ala tyr arg pro pro asn ala pro ile leu  
 421 / 141 451 / 151  
 TCA ACA CTT CCG GAG ACT ACT GTT GTT AGA CGA CGA GGC AGG TCC CCT AGA AGA AGA ACT  
 ser thr leu pro glu thr thr val val arg arg arg gly arg ser pro arg arg arg thr  
 481 / 161 511 / 171  
 CCC TCG CCT CGC AGA CGA AGG TCT CAA TCG CCG CGT CCG AGA AGA TCT CAA TCT CGG CTA  
 pro ser pro arg arg arg arg ser gln ser pro arg arg arg arg ser gln ser arg leu  
 541 / 181 571 / 191  
 GGA CCC CTT CTC GTG TTA CAG CGC GGG TTT TTC TTG TTG ACA AGA ATC CTC ACA ATA CCG  
 gly pro leu leu val leu gln ala gly phe phe leu leu thr arg ile leu thr ile pro  
 601 / 201 631 / 211  
 CAG AGT CTA GAC TCG TGG TGG ACT TCT CTC AAT TTT CTA GCG GGA ACT ACC GTG TGT CTT  
 gln ser leu asp ser trp trp thr ser leu asn phe leu gly gly thr thr val cys leu  
 661 / 221 691 / 231  
 CCC CAA AAT TCG CAG TCC CCA ACC TCC AAT CAC TCA CCA ACC TCT TGT CCT CCA ACT TGT  
 gly gln asn ser gln ser pro thr ser asn his ser pro thr ser cys pro pro thr cys  
 721 / 241 751 / 251  
 GCT GGT TAT CGC TGG ATG TGT CTG CGG CGT TTT ATC ATC TTC CTC TTC ATC CTG CTG CTA  
 pro gly tyr arg trp met cys leu arg arg phe ile ile phe leu phe ile leu leu leu  
 781 / 261 811 / 271  
 TGC CTC ATC TTC TTG TTG GTT CTT CTG GAC TAT CAA GGT ATG TTG CCC GTT TGT CCT CTA  
 cys leu ile phe leu leu val leu leu asp tyr gln gly met leu pro val cys pro leu  
 841 / 281 871 / 291  
 ATT CCA GGA TCC TCA ACA ACC AGC ACG GGA CCA TGC CGG ACC TGC ATG ACT ACT GCT CAA  
 ile pro gly ser ser thr thr ser thr gly pro cys arg thr cys met thr thr ala gln  
 901 / 301 931 / 311  
 GGA ACC TCT ATG TAT CCC TCC TGT TGC TGT ACC AAA CCT TCG GAC GGA AAT TGC ACC TGT  
 gly thr ser met tyr pro ser cys cys cys thr lys pro ser asp gly asn cys thr cys  
 961 / 321 991 / 331  
 ATT CCC ATC CCA TCA TCC TGG GCT TTC GGA AAA TTC CTA TGG GAG TGG GCC TCA GCC CGT  
 ile pro ile pro ser ser trp ala phe gly lys phe leu trp glu trp ala ser ala arg  
 1021 / 341 1051 / 351  
 TTC TCC TGG CTC AGT TTA CTA GTG CCA TTT GTT CAG TGG TTC GTA GGG CTT TCC CCC ACT  
 phe ser trp leu ser leu leu val pro phe val gln trp phe val gly leu ser pro thr  
 1081 / 361 1111 / 371  
 GTT TCG CTT TCA GTT ATA TGG ATG ATG TGG TAT TCG GCG CCA AGT CTC TAC AGC ATC TTG  
 val trp leu ser val ile trp met met trp tyr trp gly pro ser leu tyr ser ile leu  
 1141 / 381 1171 / 391  
 AGT CCC TTT TTA CCG CTC TTA CCA ATT TTC TTT TGT CTT TCG GTA TAC ATT TAA  
 ser pro phe leu pro leu leu pro ile phe phe cys leu trp val tyr ile och

1 / 1	31 / 11
ATG CAC ATC GAC-CCT TAT AAA GAA TTT GGA GCT ACT GTG GAG TTA CTC TCG TTT TTG CCT	
met asp ile asp pro tyr lys glu phe gly ala thr val glu leu leu ser phe leu pro	
61 / 21	91 / 31
TCT GAC TTC TTT CCT TCA GTA CGA GAT CTT CTA GAT ACC GCC TCA GCT CTG TAT CGG GAA	
ser asp phe phe pro ser val arg asp leu leu asp thr ala ser ala leu tyr arg glu	
121 / 41	151 / 51
GCC TTA GAG TCT CCT GAG CAT TGT TCA CCT CAC CAT ACT GCA CTC AGG CAA GCA ATT CTT	
ala leu glu ser pro glu his cys ser pro his his thr ala leu arg gln ala ile leu	
181 / 61	211 / 71
TGC TGG GGG GAA CTA ATG ACT CTA GCT ACC TGG GTG GGT GTT AAT TTG GAA GAT CCA GCG	
cys trp gly glu leu met thr leu ala thr trp val gly val asn leu glu asp pro ala	
241 / 81	271 / 91
TCT AGA GAC CTA GTA GTC AGT TAT GTC AAC ACT AAT ATG GGC CTA AAG TTC AGG CAA CTC	
ser arg asp leu val val ser tyr val asn thr asn met gly leu lys phe arg gln leu	
301 / 101	331 / 111
TTG TGG TTT CAC ATT TCT TGT CTC ACT TTT GGA AGA GAA ACA GTT ATA GAG TAT TTG GTG	
leu trp phe his ile ser cys leu thr phe gly arg glu thr val ile glu tyr leu val	
361 / 121	391 / 131
TCT TTC GGA GTG TGG ATT CGC ACT CCT CCA GCT TAT AGA CCA CCA AAT GCC CCT ATC CTA	
ser phe gly val trp ile arg thr pro pro ala tyr arg pro pro asn ala pro ile leu	
421 / 141	451 / 151
TCA ACA CTT CCG GAG ACT ACT GTT GTT AGA CGA CGA GGC AGG TCC CCT AGA AGA AGA ACT	
ser thr leu pro glu thr thr val val arg arg arg gly arg ser pro arg arg thr	
481 / 161	511 / 171
GCC TCG CCT CGC AGA CGA AGG TCT CAA TCG CCG CGT CGC AGA AGA TCG ATC CTC AAC AAC	
pro ser pro arg arg arg arg ser gln ser pro arg arg arg arg ser ile leu asn asn	
541 / 181	571 / 191
CAG CAC GGG ACC ATG CCG GAC CTG CAT GAC TAC TGC TCA AGG AAC CTC TAT GTA TCC CTC	
gln his gly thr met pro asp leu his asp tyr cys ser arg asn leu tyr val ser leu	
601 / 201	631 / 211
TTG TTG CTG TAC CAA ACC TTC CGA CCG AAA TTG CAC CTG TAT TCC CAT CCC ATC ATC CTG	
leu leu leu tyr gln thr phe gly arg lys leu his leu tyr ser his pro ile ile leu	
661 / 221	691 / 231
GCC TTT CCG AAA ATT CCT ATG GGA GTG GGC CTC AGC CCG TTT CTC CTG GCT CAG TTT ACT	
gly phe arg lys ile pro met gly val gly leu ser pro phe leu leu ala gln phe thr	
721 / 241	751 / 251
GCT GCC ATT TGT TCA GTG GTT CGT AGG GCT TTC CCC CAC TGT TTG GCT TTC AGT TAT ATG	
ser ala ile cys ser val val arg arg ala phe pro his cys leu ala phe ser tyr met	
781 / 261	811 / 271
GAT GAT GTG GTA TTG GCG GCC AAG TCT GTA CAG CAT CTT GAG TCC CTT TTT ACC GCT GTT	
asp asp val val leu gly ala lys ser val gln his leu glu ser leu phe thr ala val	
841 / 281	871 / 291
ACC AAT TTT CTT TTG TCT TTG GGT ATA CAT TTA	
thr asn phe leu leu ser leu gly ile his leu	

Fig. 6

1 / 1 31 / 11  
 ATG GAT ATC AAT GCT TCT AGA GCC TTA GCC AAT GTG TAT GAT CTA CCA GAT GAT TTC TTT  
 met asp ile asn ala ser arg ala leu ala asn val tyr asp leu pro asp asp phe phe  
 61 / 21 91 / 31  
 CCA AAA ATA GAT GAT CTT GTT AGA GAT GCT AAA GAC GCT TTA GAG CCT TAT TGG AAA TCA  
 pro lys ile asp asp leu val arg asp ala lys asp ala leu glu pro tyr trp lys ser  
 121 / 41 151 / 51  
 GAT TCA ATA AAG AAA CAT GTT TTG ATT GCA ACT CAC TTT GTG GAT CTT ATT GAA GAC TTC  
 asp ser ile lys lys his val leu ile ala thr his phe val asp leu ile glu asp phe  
 181 / 61 211 / 71  
 TGG CAG ACT ACA CAG GGC ATG CAT GAA ATA GCC GAA TCA TTA AGA GCT GTT ATA CCT CCC  
 trp gln thr thr gln gly met his glu ile ala glu ser leu arg ala val ile pro pro  
 241 / 81 271 / 91  
 ACT ACT ACT CCT GTT CCA CCG GGT TAT CTT ATT CAG CAC GAA GAA GCT GAA GAG ATA CCT  
 thr thr thr pro val pro pro gly tyr leu ile gln his glu glu ala glu glu ile pro  
 301 / 101 331 / 111  
 TTG GGA GAT TTA TTT AAA CAC CAA GAA GAA AGG ATA GTG AGT TTC CAA CCC GAC TAT CCG  
 leu gly asp leu phe lys his gln glu glu arg ile val ser phe gln pro asp tyr pro  
 361 / 121 391 / 131  
 ATT ACG GCT AGA ATT CAT GCT CAT TTG AAA GCT TAT CCA AAA ATT AAC GAG GAA TCA CTG  
 ile thr ala arg ile his ala his leu lys ala tyr ala lys ile asn glu glu ser leu  
 421 / 141 451 / 151  
 GAT AGG GCT AGG AGA TTG CTT TGG TGG CAT TAC AAC TGT TTA CTG TGG CGA GAA GCT CAA  
 asp arg ala arg arg leu leu trp trp his tyr asn cys leu leu trp gly glu ala gln  
 481 / 161 511 / 171  
 GGT ACT AAC TAT ATT TCT CGC TTG CGT ACT TGG TTG TCA ACT CCT GAG AAA TAT AGA CGT  
 val thr asn tyr ile ser arg leu arg thr trp leu ser thr pro glu lys tyr arg gly  
 541 / 181 571 / 191  
 AGA GAT GCG CCG ACC ATT GAA GCA ATC ACT AGA CCA ATC CAG GTG GCT CAG GGA GGC CGA  
 arg asp ala pro thr ile glu ala ile thr arg pro ile gln val ala gln gly gly arg  
 601 / 201 631 / 211  
 AAA ACA ACT ACG GGT ACT AGA AAA CCT CGT GGA CTC GAA CCT AGA AGA AGA AAA GTT AAA  
 lys thr thr thr gly thr arg lys pro arg gly leu glu pro arg arg arg lys val lys  
 661 / 221 691 / 231  
 ACT ACA GTT GTC TAT TGG AGA AGA CGT TCA AAG TCC CGG GGA AGG AGA GCC CCT ACA CCC  
 thr thr val val tyr gly arg arg arg ser lys ser arg gly arg arg ala pro thr pro  
 721 / 241 751 / 251  
 CAA CGT GCG GGC TCC CCT CTC CCA CGT AGT TGG AGC AGC CAC CAT AGA TCC TTC GCG GGA  
 gln arg ala gly ser pro leu pro arg ser ser ser ser his his arg ser phe gly gly  
 781 / 261 811 / 271  
 ATA CTA GCT GGC CTA ATC GGA TTA CTG GTA AGC TTT TTC TTG TTG ATA AAA ATT CTA GAA  
 ile leu ala gly leu ile gly leu leu val ser phe phe leu leu ile lys ile leu glu  
 841 / 281 871 / 291  
 ATA CTG AGG AGG CTA GAT TGG TGG TGG ATT TCT CTC AGT TCT CCA AAG GGA AAA ATG CAA  
 ile leu arg arg leu asp trp trp trp ile ser leu ser ser pro lys gly lys met gln  
 901 / 301 931 / 311  
 TGC GCT TTC CAA GAT ACT GGA GCC CAA ATC TCT CCA CAT TAC GTC GGA TCT TGC CCG TGG  
 cys ala phe gln asp thr gly ala gln ile ser pro his tyr val gly ser cys pro trp  
 961 / 321 991 / 331  
 GGA TGC CCA GGA TTT CTT TGG ACC TAT CTC AGG CTT TTT ATC ATC TTC CTC TTA ATC CTG  
 gly cys pro gly phe leu trp thr tyr leu arg leu phe ile ile phe leu leu ile leu  
 1021 / 341 1051 / 351  
 CTA GTA GCA GCA GGC TTG CTG TAT CTG ACG GAC AAC GCG TCT ACT ATT TTA GGA AAG CTC  
 leu val ala ala gly leu leu tyr leu thr asp asn gly ser thr ile leu gly lys leu  
 1081 / 361 1111 / 371  
 CAA TGG GCG TCG GTC TCA GCC CTT TTC TCC TCC ATC TCT TCA CTA CTG CCC TCG GAT CCG  
 gln trp ala ser val ser ala leu phe ser ser ile ser ser leu leu pro ser asp pro  
 1141 / 381 1171 / 391  
 AAA TCT CTC GTC GCT TTA ACG TTT GGA CTT TCA CTT ATA TGG ATG ACT TCC TCC TCT GCC  
 lys ser leu val ala leu thr phe gly leu ser leu ile trp met thr ser ser ser ala  
 1201 / 401 1231 / 411  
 ACC CAA ACC CTC GTC ACC TTA ACG CAA TTA GCC ACG CTG TCT GCT CTT TTT TAC AAG AGC  
 thr gln thr leu val thr leu thr gln leu ala thr leu ser ala leu phe tyr lys ser  
 1261 / 421  
 TAG

1. *What is the purpose of the study?*  
 2. *What are the research objectives?*  
 3. *What is the research design?*  
 4. *What are the variables?*  
 5. *What is the sample size?*  
 6. *What are the data sources?*  
 7. *What are the data collection methods?*  
 8. *What are the data analysis methods?*  
 9. *What are the results?*  
 10. *What are the conclusions?*  
 11. *What are the limitations?*  
 12. *What are the recommendations?*

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[illegible]